

Certificate of Analysis

Date of Testing: 2024-11-12 10:52:50

Date of Next Testing: 2028-11-11 10:52:50

Product Name: **Iron sulfate heptahydrate**

CAS Number: 7782-63-0

Specifications & Purity: AR, ≥99%

Lot #: J2429479

SKU # **F116338**

Version **1**

Analysis #: **429457**

Parameter	Limit Values	Result
Phosphate(PO4)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.002 (%)	0.00 %
Substances not precipitated by ammonia	0-0.05 (%)	0.00 %
Zinc(Zn)	0-0.005 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Ferric(Fe3+)	0-0.02 (%)	0.00 %
(As)Arsenic	0-0.002 (%)	0.00 %
Assay	99-101 (%)	99.85 %
Manganese(Mn)	0-0.05 (%)	0.01 %
Appearance (F116338)	blue to green powder or crystals	blue to green powder or crystals
X-Ray Diffraction(After drying)	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager